

I. CLASSIFICATION OF SUBJECT MATTER (if several classification symbols apply, indicate all)		
According to International Patent Classification (IPC) or to both National Classification and IPC Int.C1.5 A 61 K 31/70		
II. FIELDS SEARCHED		
Minimum Documentation Searched ⁷		
Classification System	Classification Symbols	
Int.C1.5	A 61 K	
Documentation Searched other than Minimum Documentation to the Extent that such Documents are Included in the Fields Searched ⁸		
III. DOCUMENTS CONSIDERED TO BE RELEVANT⁹		
Category ¹⁰	Citation of Document, ¹¹ with indication, where appropriate, of the relevant passages ¹²	Relevant to Claim No. ¹³
P, X	New England Journal of Medicine, vol. 325, no. 8, 22 August 1991, M.R. KNOWLES et al.: "Activation by extracellular nucleotides of chloride secretion in the airway epithelia of patients with cystic fibrosis", pages 533-538, see the whole article ---	1-9
P, X	British Journal of Pharmacology, vol. 103, no. 3, July 1991, S.J. MASON et al.: "Regulation of transepithelial ion transport and intracellular calcium by extracellular ATP in human normal and cystic fibrosis airway epithelium", pages 1649-1656, see the whole article ---	1-9
Y	Pediatr. Pulmonol., supp. 5, 1990, L.L. CLARKE et al.: "Activation of an apical Cl ⁻ conductance by exogenous ATP in cystic fibrosis airway epithelium", page 216, see the whole article ---	1-9
* Special categories of cited documents : ¹⁰ "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the International filing date but later than the priority date claimed		"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
IV. CERTIFICATION		
Date of the Actual Completion of the International Search 27-03-1992	Date of Mailing of this International Search Report 28.04.92	
International Searching Authority EUROPEAN PATENT OFFICE	Signature of Authorized Officer Nicole De Ble /N/	

III. DOCUMENTS CONSIDERED TO BE RELEVANT (CONTINUED FROM THE SECOND SHEET)

Category	Citation of Document, with indication, where appropriate, of the relevant passages	Relevant to Claim No.
Y	Nature, vol. 322, 31 July 1986, M.J. WELSH et al.: "Chloride and potassium channels in cystic fibrosis airway epithelia", pages 467-470, see the whole article ---	1-9
Y	Science, vol. 233, no. 4763, 1 August 1986, R.A. FRIZZELL et al.: "Altered regulation of airway epithelial cell chloride channels in cystic fibrosis", pages 558-560, see the whole article ---	1-9
Y	"The Merck Index", 1989, 11th edition, pages 1554-1555, Merck & Co., Inc., Rayway, NJ, US, see article: "Uridine 5'-triphosphate" ---	1-9
A	BE,A, 699421 (FERLUX) 4 December 1967, see the whole document ---	1-3
A	P.H. LIST et al.: "Hagers Handbuch der pharmazeutischen Praxis", 1971, vol. 7, part A: "Arzneiformen", pages 339-341, Springer-Verlag, Berlin, DE, see pages 339-341 ---	2-7
A	J.E.F. REYNOLDS: "Martindale - The extra pharmacopoeia", 29th edition, 1989, page 1627, The Pharmaceutical Press, London, GB, see article: "Uridine triphosphate" ----	1-9

FURTHER INFORMATION CONTINUED FROM THE SECOND SHEET

V. OBSERVATION WHERE CERTAIN CLAIMS WERE FOUND UNSEARCHABLE¹

This International search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claim numbers
Authority, namely: because they relate to subject matter not required to be searched by this

Although claim 9 is directed to a method of treatment of the human body, the search has been carried out and based on the alleged effects of the compound/composition.

2. Claim numbers
with the prescribed requirements to such an extent that no meaningful International search can be carried out, specifically:

3. Claim numbers
the second and third sentences of PCT Rule 6.4(a). because they are dependent claims and are not drafted in accordance with

VI. OBSERVATIONS WHERE UNITY OF INVENTION IS LACKING²

This International Searching Authority found multiple inventions in this International application as follows:

1. As all required additional search fees were timely paid by the applicant, this International search report covers all searchable claims of the International application
2. As only some of the required additional search fees were timely paid by the applicant, this International search report covers only those claims of the International application for which fees were paid, specifically claims:
3. No required additional search fees were timely paid by the applicant. Consequently, this International search report is restricted to the invention first mentioned in the claims; it is covered by claim numbers:
4. As all searchable claims could be searched without effort justifying an additional fee, the International Searching Authority did not invite payment of any additional fee.

Remark on Protest

- The additional search fees were accompanied by applicant's protest.
- No protest accompanied the payment of additional search fees.

ANNEX TO THE INTERNATIONAL SEARCH REPORT
ON INTERNATIONAL PATENT APPLICATION NO.

GB 9102299
SA 55098

This annex lists the patent family members relating to the patent documents cited in the above-mentioned international search report. The members are as contained in the European Patent Office EDP file on 22/04/92. The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
BE-A- 699421	04-12-67	FR-M- 5583 GB-A- 1137591	08-01-68